

WHAT IS CLAIMED IS:

- 1 1. A method for generating a configuration database file
2 based on at least one data file of at least one ECAD tool included in a
3 predefined tool list, said method comprising the steps of:
4 selecting an ECAD tool from the predefined tool list;
5 reading a data file of said selected ECAD tool; and,
6 generating a configuration database file based on said read data
7 file.
- 1 2. The method according to claim 1 further comprising the
2 steps of:
3 determining whether all ECAD tools from the tool list have been
4 selected;
5 selecting a next ECAD tool when all ECAD tools have not been
6 selected from the tool list; and,
7 storing said configuration database file when all ECAD tools
8 have been selected from the tool list.
- 1 3. The method according to claim 1 wherein prior to said
2 step of selecting an ECAD tool further comprises the step of defining a tool list
3 having predefined ECAD tools.
- 1 4. The method according to claim 1 wherein said step of
2 selecting an ECAD tool further comprises the steps of:
3 defining a file list including at least one predefined data file of
4 said selected ECAD tool; and,
5 selecting a data file from said file list.

1 5. The method according to claim 4 wherein said at least one
2 predefined data file includes an output file generated by said selected ECAD
3 tool.

1 6. The method according to claim 4 wherein said at least one
2 predefined data file includes a configuration file associated with said selected
3 ECAD tool.

1 7. The method according to claim 4 wherein said step of
2 selecting a data file further comprises the steps of:

3 determining whether all data files from the file list have been
4 selected; and,

5 selecting a next data file from the file list until all said at least one
6 predefined data file have been selected.

1 8. The method according to claim 1 wherein said step of
2 reading a file further comprises the steps of:

3 determining whether all data files of said selected ECAD tool
4 have been read; and,

5 reading a next data file of said selected ECAD tool until all data
6 files of said selected ECAD tool have been read.

1 9. The method according to claim 1 wherein said step of
2 generating a configuration database file further comprises the steps of:

3 determining whether a configuration database file exists in
4 memory;

5 creating a new configuration database file based on the read data
6 file when a configuration database file does not exist in memory;

7 determining whether a configuration database file is older than
8 the read data file when a configuration database file does exist in memory; and,

9 appending data from the read data file to the existing
10 configuration database file.

1 10. A computer system for generating a configuration
2 database file based on at least one data file of at least one ECAD tool included
3 in a predefined tool list, comprising:

4 a storage medium;

5 a processor for executing a program stored on the storage
6 medium for generating a configuration database file based on at least one data
7 file of at least one ECAD tool included in a predefined tool list, the program
8 comprising a set of instructions for:

9 selecting an ECAD tool from the predefined tool list;

10 reading a data file of said selected ECAD tool; and,

11 generating a configuration database file based on said read data
12 file.

1 11. A computer program product comprising a computer
2 usable medium having computer readable program codes embodied in the
3 medium that when executed causes a computer to:

4 select an ECAD tool from a predefined tool list including at least
5 one ECAD tool;

6 reading a data file of said selected ECAD tool; and,

7 generating a configuration database file based on said read data
8 file.